



VERSION WITH MARKINGS TO SHOW CHANGES MADE

An Fc protein may be also linked to an OPG protein by "linker" moieties whether chemical or amino acids of varying lengths. Such chemical linkers are well known in the art. Amino acid linker sequences can include but are not limited to:

- (a) ala-ala-ala;
- (b) ala-ala-ala-ala (SEQ ID NO: 51);
- (c) ala-ala-ala-ala-ala (SEQ ID NO: 52);
- (d) gly-gly;
- (e) gly-gly-gly;
- (f) gly-gly-gly-gly-gly (SEQ ID NO: 53);
- (g) gly-gly-gly-gly-gly-gly-gly (SEQ ID NO: 54);
- (h) gly-pro-gly;
- (i) gly-gly-pro-gly-gly (SEQ ID NO: 55);
- (j) val;
- (k) ser-gly-gly-gly-gly-gly-gly-gly-gly (SEQ ID NO: 56);
- (l) gly-gly-ser-gly-ser-gly-ala-gly-ser-gly-ser-gly-gly-gly-ser-gly-ser-gly-gly  
(SEQ ID NO: 57);
- (m) a chemical moiety; and
- (n) any combination of subparts (a) through (m).

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